

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 5

Complete If Known

Application Number	10/802,124
Filing Date	March 15, 2004
First Named Inventor	JONES, TIMOTHY N.
Art Unit	3732
Examiner Name	Wilson, J. J.
Attorney Docket Number	018563-006010US

U.S. PATENT DOCUMENTS+

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number Kind Code ² (# known)			
<i>gzw</i>	1	3,407,500	10-29-1968	Kesling	
	2	3,683,502	08-15-1972	Wallshein.	
	3	3,922,786	12-02-1975	Lavin	
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	18	4,889,238	12-26-1989	Batchelor	
	19	4,890,608	01-02-1990	Steer	
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	34	5,866,058	02-02-1999	Batchelder et al.	
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<i>gzw</i>	41	5,971,754	10-26-1999	Sondhi et al.	
Examiner Signature	<i>John Wilson</i>		Date Considered	<i>12/3/05</i>	

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² Kind Codes of U.S. Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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			Art Unit	3732	
			Examiner Name	Wilson, J. J.	
Sheet	2	of	5	Attorney Docket Number	018563-006010US

U.S. PATENT DOCUMENTS+					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number Kind Code ² (if known)			
Jaw	42	6,015,289	01-18-2000	Andreiko et al.	
	43	6,044,309	03-28-2000	Honda	
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Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ³
		Country Code ²	Number ⁴	Kind Code ⁵ (if known)				
JW	63	AU	517102		07-09-1981	Hito Suyehiro		<input type="checkbox"/>
	64	AU	3031677		05-10-1979	Hito Suyehiro		<input type="checkbox"/>
	65	AU	5598894		06-08-1994	Ormco Corp		<input type="checkbox"/>
	66	CA	1121955		04-20-1982	Suyehiro Hito		<input type="checkbox"/>
	67	DE	2749802		05-11-1978	Suyehiro Hito		<input checked="" type="checkbox"/>
	68	DE	69327661		07-20-2000	Ormco Corp		<input checked="" type="checkbox"/>
	69	EP	0667753		08-23-1995	Ormco Corp		<input type="checkbox"/>
	70	ES	463897		01-01-1980	Hito Suyehiro		<input checked="" type="checkbox"/>
	71	GB	1550777		08-22-1979	Hito Suyehiro		<input type="checkbox"/>
	72	JP	53-058191		05-25-1978	Yoshii		<input checked="" type="checkbox"/>
	73	JP	04-028359		01-30-1992	Mitsubishi Petrochemical Co		<input checked="" type="checkbox"/>
	JW	74	JP	08-508174		09-03-1996	Ormco Corp	

Examiner Signature	<i>John Wilson</i>	Date Considered	12/3/05
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			Art Unit	3732	
Examiner Name	Wilson, J. J.				
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<i>gww</i>	75	WO	98/32394		07-30-1998	Hultgren Bruce Willard		<input type="checkbox"/>

Examiner Signature	<i>John Wilson</i>	Date Considered	<i>12/3/05</i>
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Substitute for form 1449B/PTO				Complete if Known	
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				Filing Date	March 15, 2004
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				Art Unit	3732
				Examiner Name	Wilson, J. J.
Sheet	4	of	5	Attorney Docket Number	018563-006010US

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
Jan	76	ANDREWS, <i>The Six Keys to Optimal Occlusion Straight Wire</i> , Chapter 3, pp 13-24.	
	77	BERNARD et al., "Computerized Diagnosis in Orthodontics for Epidemiological Studies: A Progress Report, Paper presented at International Association for Dental Research 66th General Session, March 9-13, 1988, Montreal, Canada. The abstract is published in <i>J Dental Res Special Issue</i> Vol. 67, p. 169.	
	78	CARDINAL INDUSTRIAL FINISHES, Powder Coatings information posted at http://www.cardinalpaint.com on Aug. 25, 2000, 2 pages total.	
	79	DENT-X posted at http://www.dent-x.com/DentSim.htm 09/24/98, 6 pages total.	
	80	DOYLE, Digital Dentistry, <i>Computer Graphics World</i> , Oct. 2000 pp. 50-52, 54.	
	81	FÜTTERLING et al., "Automated Finite Element Modeling of a Human Mandible with Dental Implants," WSCG '98 - Conference Program, retrieved from the Internet: << http://wscg.zcu.cz/wscg98/papers98/Strasser_98.pdf >>, 8 pages total.	
	82	GOTTLEIB et al., "JCO Interviews Dr. James A. McNamara, Jr., on the Frankel Appliance: Part 2: Clinical Management," <i>Journal of Clinical Orthodontics</i> , Vol. 16, No. 6, (June 1982) pp. 390-407	
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	84	KUNIL et al., Articulation Simulation for an Intelligent Dental Care System, <i>Displays</i> (1994) 15:181-188.	
	85	TRU-TAIN ORTHODONTIC & DENTAL SUPPLIES, Product Brochure, Rochester, Minnesota 55902, [Not Dated], 16 pages total.	
	86	PROFFIT et al, <i>Contemporary Orthodontics</i> (Second Ed.) Chapter 15, Mosby Inc, (October 1992), pp 470-533	
	87	RAINTREE ESSIX & ARS MATERIALS, INC., Raintree Essix, Technical Magazine Table of contents and Essix Appliances, http:// www.essix.com/magazine/default.html Aug. 13, 1997, 7 pages.	
	88	REDMOND et al. Clinical Implications of Digital Orthodontics, <i>Am. J. Orthodont. Dentofacial Orthopedics</i> , Vol. 117 No. 2 (2001), pp. 240-242.	
Jan	89	REKOW et al., "CAD/CAM for Dental Restorations - Some of the Curious Challenges," <i>IEEE Transactions on Biomedical Engineering</i> , (April 1991) Vol. 38, No. 4, pp. 344-345.	

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JW	90	REKOW et al., "Comparison of Three Data Acquisition Techniques for 3-D Tooth Surface Mapping," <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society</i> , (1991) Vol. 13, No. 1, pp. 344-345.	
	91	SCHROEDER et al., Eds. The Visual Toolkit, Prentice Hall PTR, New Jersey (1998) Chapters 6, 8 & 9, (pages 153-210, 309-354, and 355-428, respectively).	
	92	SINCLAIR, "The Readers' Corner," <i>Journal of Clinical Orthodontics</i> , Vol 26, No. 6, (June 1992) pp. 369-372	
JW	93	VARADY et al., Reverse Engineering Of Geometric Models—An Introduction, <i>Computer-Aided Design</i> , 29 (4):255-268, 1997.	

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